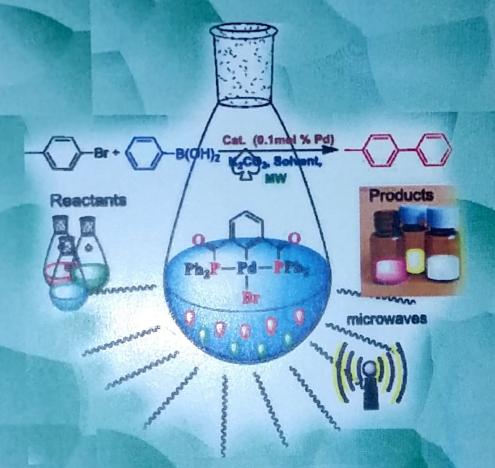
Organic Chemistry

Conversions



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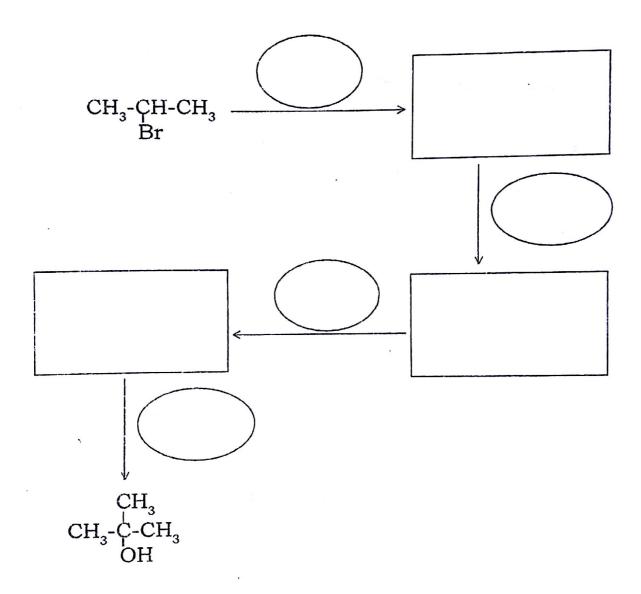
CHEMISTRY

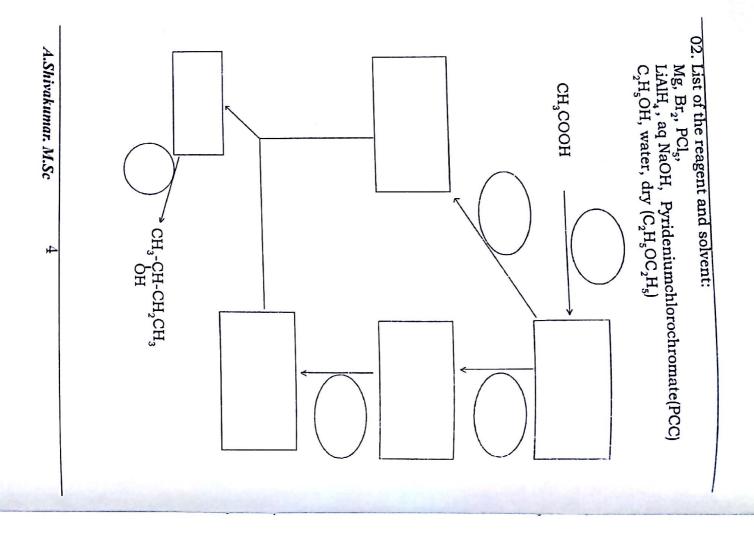
Organic

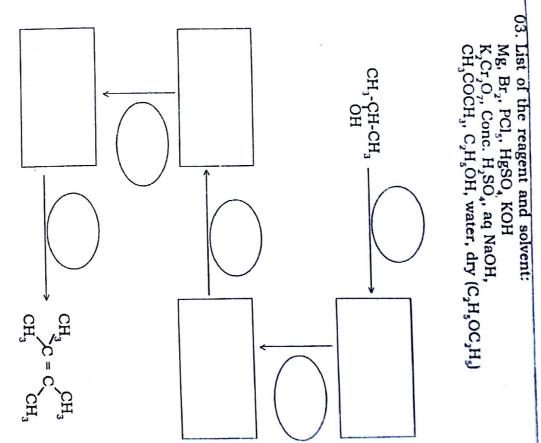
Conversions

01. Selecting appropriate reagents and solvents **only from the list below**, show how you would synthesis the following compounds.

List of the reagent and solvent: $K_2Cr_2O_7$, dil. H_2SO_4 , aq NaOH, CH_3MgBr , water, dry $(C_2H_5OC_2H_5)$

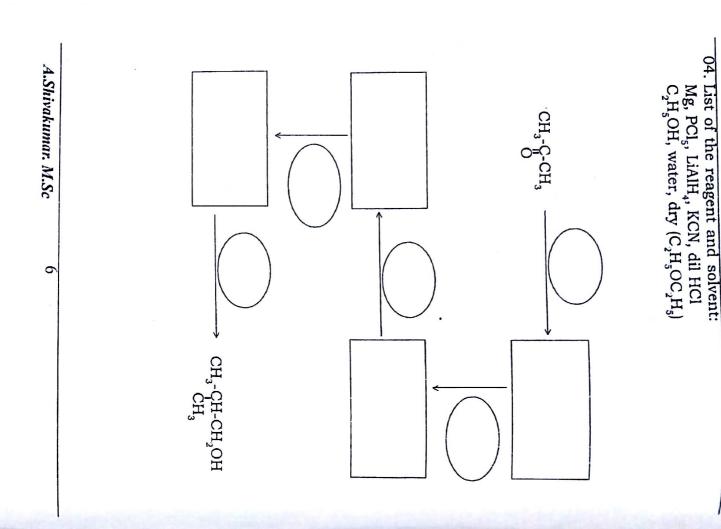




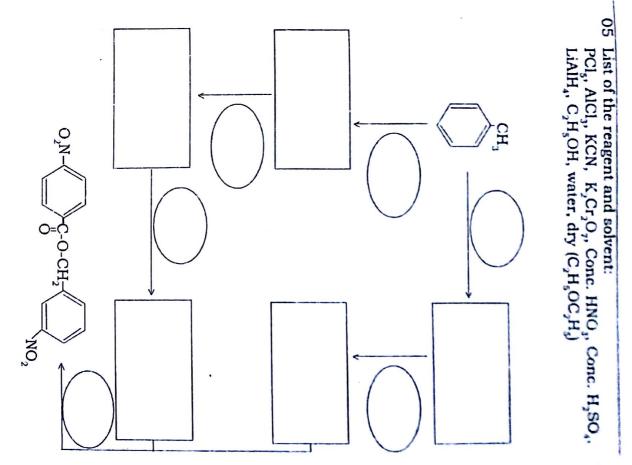


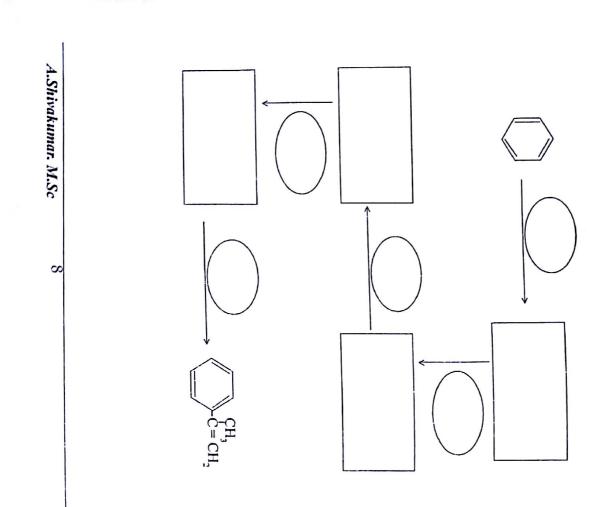
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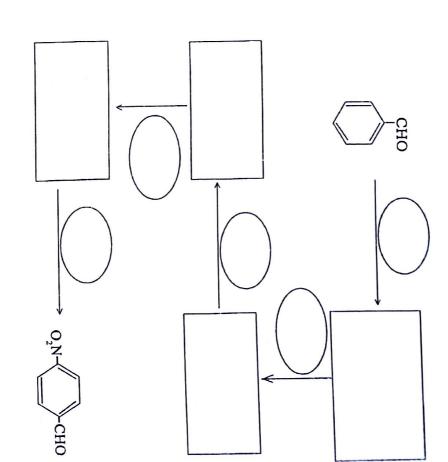


06. List of the reagent and solvent:

Mg, Fe, Br₂, PCl₃, AlCl₃

Conc. H₂SO₄, dil HCl, aq NaOH,

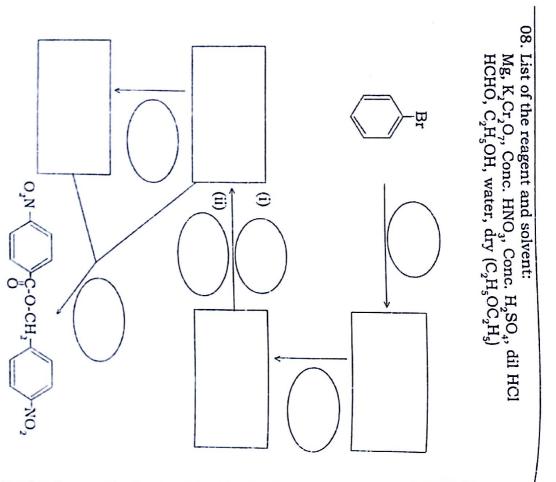
CH₃COCH₃, C₂H₅OH, water, dry (C₂H₅OC₂H₅)

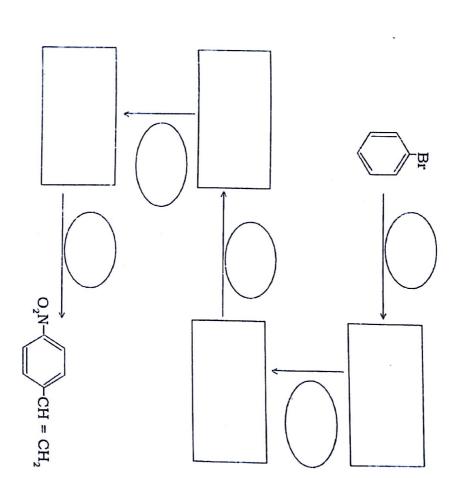


07. List of the reagent and solvent:
Zn, Fe, Hg, LiAlH₄, K₂Cr₂O₇, Conc. H₂SO₄, Conc. HCl
Conc. HNO₃, Pyrideniumchlorochromate(PCC),
C₂H₅OH, water, dry (C₂H₅OC₂H₅)

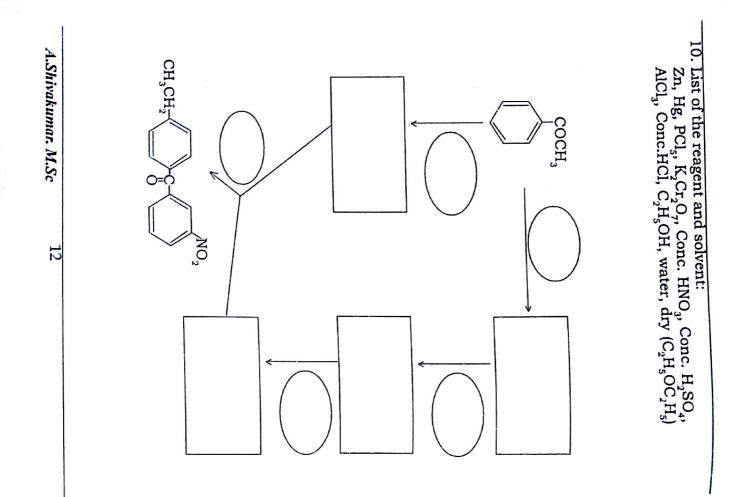
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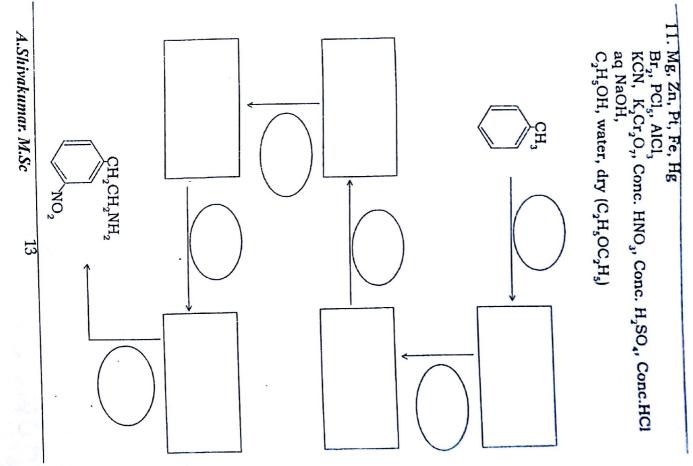
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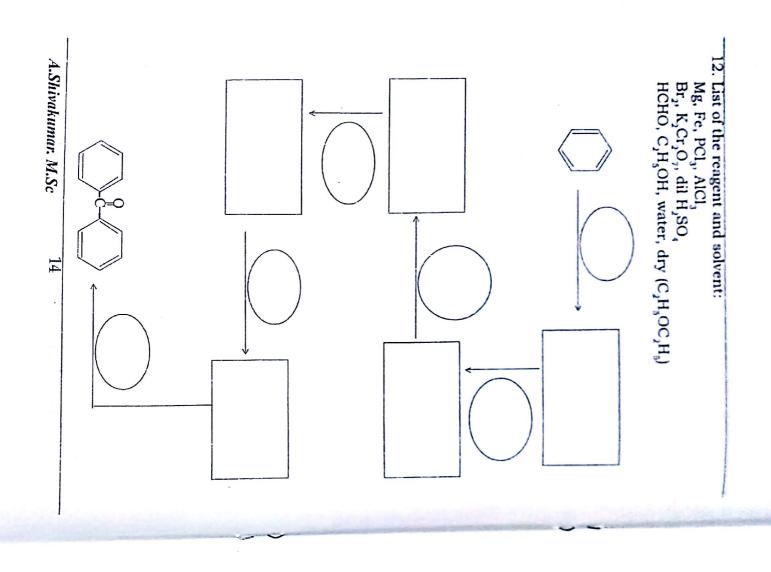


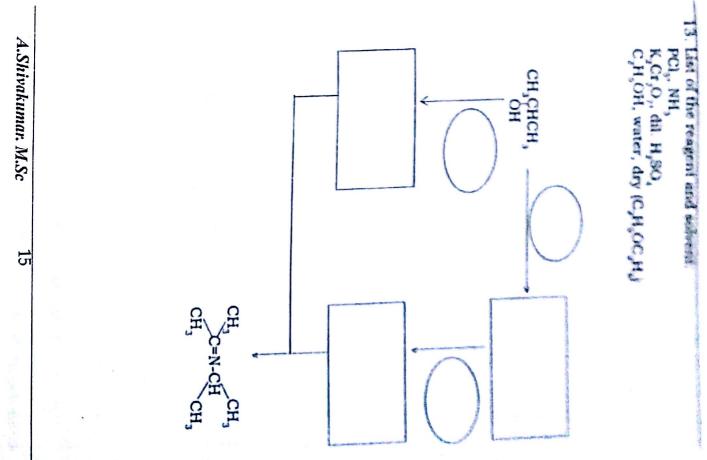


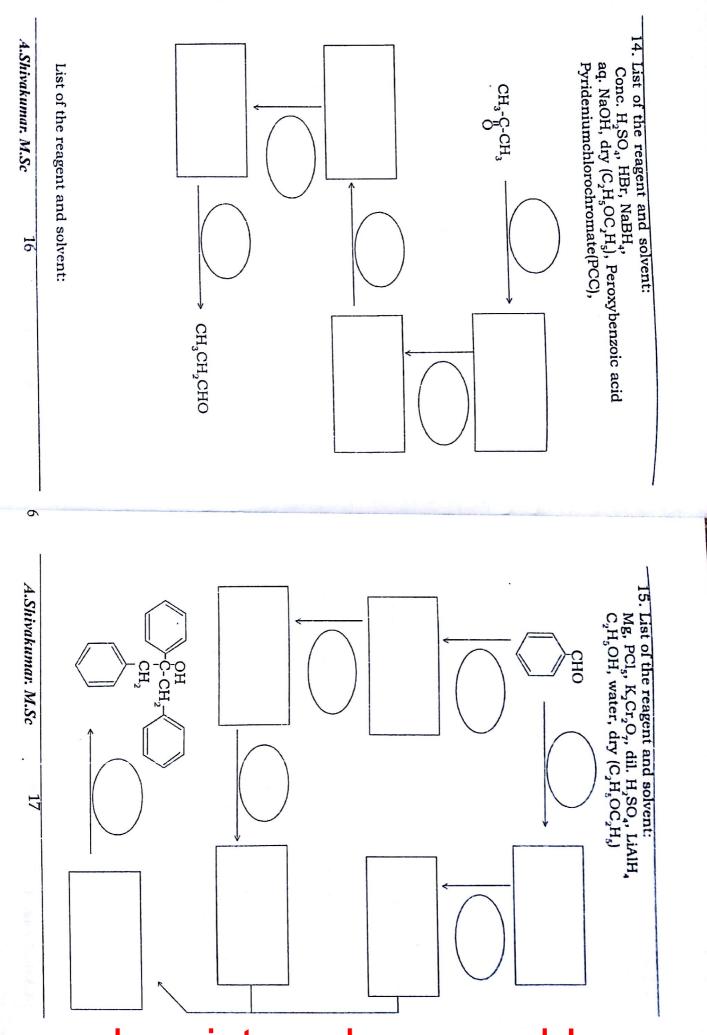
09. List of the reagent and solvent: Mg, PCl₅, Conc. HNO₃, Conc. H₂SO₄, dil .HCl CH₃CHO, C₂H₅OH, water, dry (C₂H₅OC₂H₅)

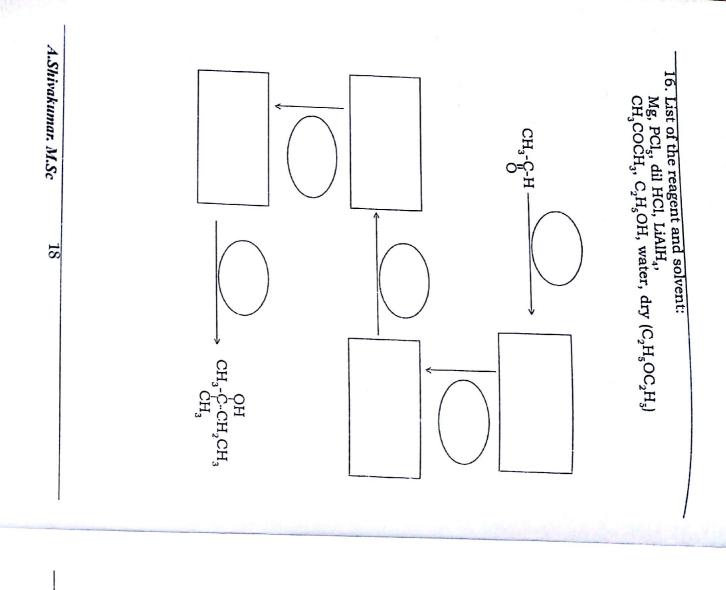


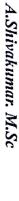




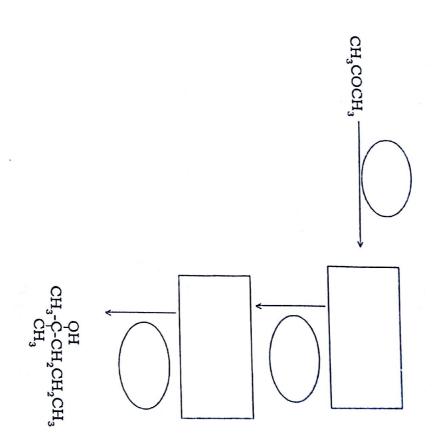




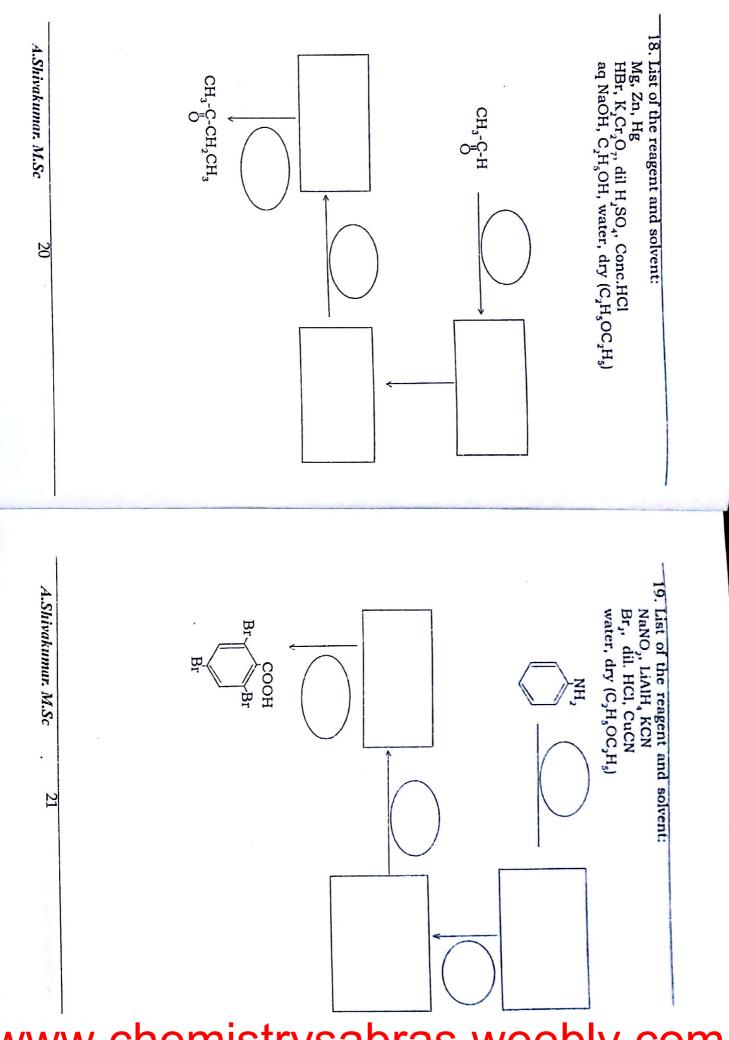


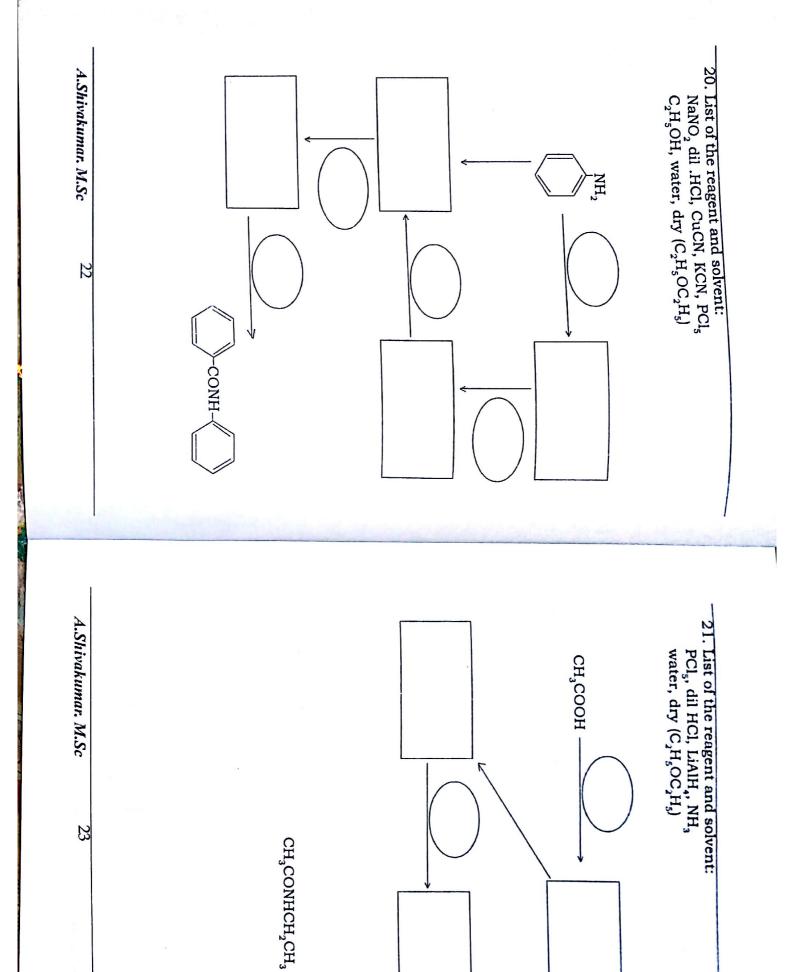


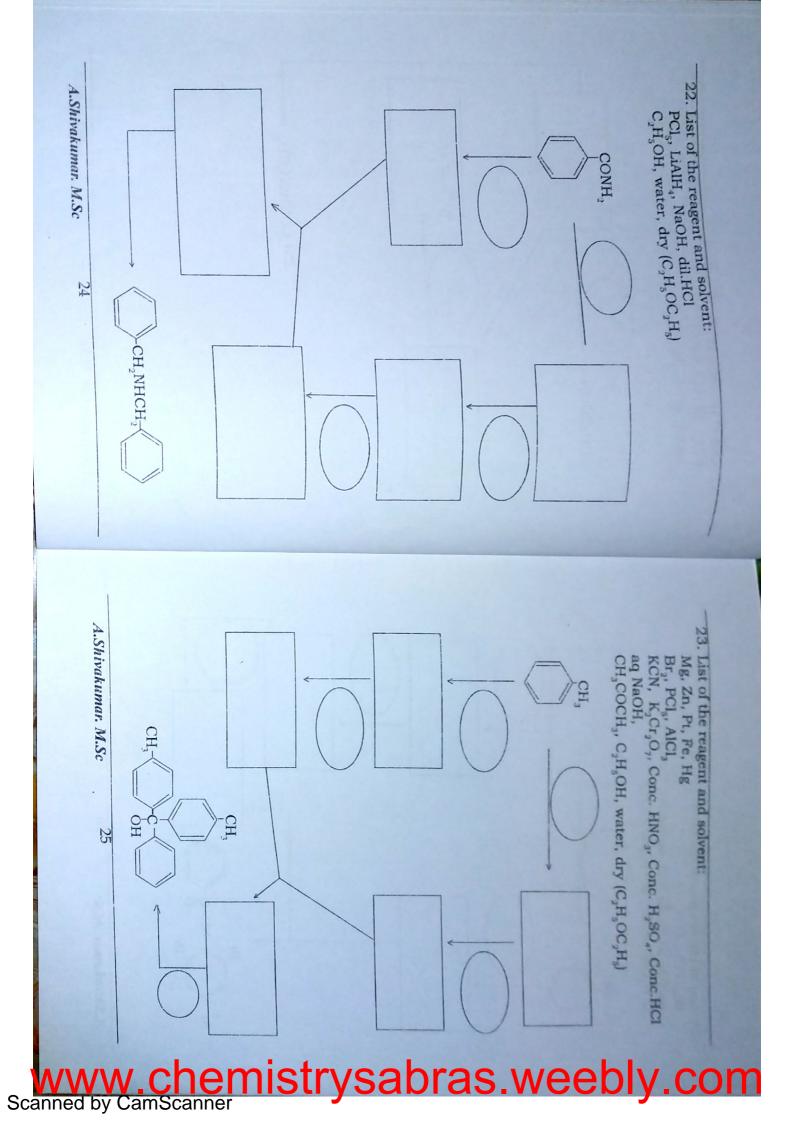
10



17. List of the reagent and solvent:
Zn, Hg, Conc.HCl, LiAlH, aq. NaOH, Conc.H₂SO,





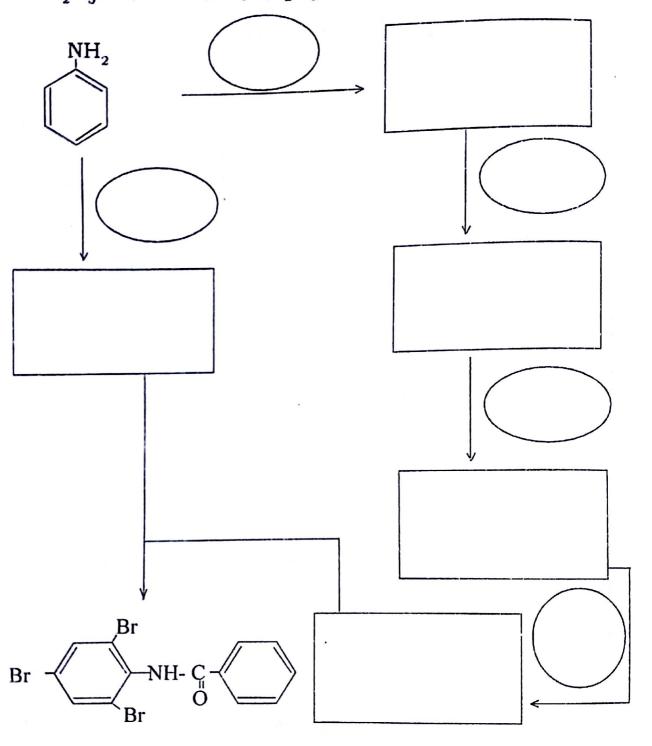


24. List of the reagent and solvent:

Br₂, PCl₅, AlCl₃

NaNO₂, KCN, dil.HCl, aq NaOH, CuCN

 C_2H_5OH , water, dry $(C_2H_5OC_2H_5)$



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